

Date: Sun, 7 Aug 94 10:42:52 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #883
To: Info-Hams

Info-Hams Digest Sun, 7 Aug 94 Volume 94 : Issue 883

Today's Topics:

3Y0PI
Cost of a KHz?
Daily Summary of Solar Geophysical Activity for 24 July
DX packet cluster access via internet?
French-speaking hams
GPS & Position finding
Houston-Dallas
IPS Daily Report - 05 August 94
Looking for Contacts!
New ham acronyms???
Wayne Green Live! (2 msgs)
Where to QSL Shuttle Please ??
Who stole my book?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 5 Aug 1994 19:06:02 GMT
From: ihnp4.ucsd.edu!ucsnews!newshub.sdsu.edu!nic-nac.CSU.net!
charnel.ecst.csuchico.edu!yeshua.marcam.com!news.kei.com!world!mv!mv.mv.com!
tetrault@network.ucsd.edu
Subject: 3Y0PI
To: info-hams@ucsd.edu

To: rfedor@aol.com

In a recent message, you wrote;

>The 3Y0PI DX'pedition to Peter I is now in its final stages. The gear
and
>equipment that left the U.S. in October has now found its way home
again.

.

>

>The chapter is closed. 73 to all and thank again.

>

It was a pleasure to work you fellows and a job well done. The
experience of a lifetime, I'm sure.

73 mark

* UniQWK #2067*

--

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-----  
| Mark D. Tetrault      | tetrault@mv.mv.com      |  
| 6 Colonial Drive     | 1:132/169@fidonet.org  |  
| Pembroke, NH 03275   | kd1vk @ wa1wok 44.52.7.8 |  
| (603) 485-5852       | Have a Nice Day!       |  
-----
```

Date: Sun, 7 Aug 1994 02:42:01 GMT

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!milcom@network.ucsd.edu

Subject: Cost of a KHz?

To: info-hams@ucsd.edu

John K. Maenpaa (maenpaj@rtsg.mot.com) wrote:

: Hmmm....le'see now, in the KDM case above that's 2 X 50 KHz pairs for a
: total of 200 KHz of RF spectrum. \$160 Million / 200 KHz = \$800 per KHz.
: I guess a 3 KHz wide SSB channel will cost me \$2400!! Hmmm....le'see
: now, mebee I can buy 14.313 MHz + or -. Mebee I could get a discount on
: 14.313 with all of the undesirables driving down property values.

:

Your comparing commerical spectrum with amatuer spectrum. Its sorta like
apples & oranges. KDM will be authorized to gleen a profit from the use
of the spectrum. Amatuer spectrum cannot be used for business or
monatary profit per part 97.

Heck, why dont we just set up 927Mhz paging transmitters like they do
two Mhz higher? and start our own paging companies.

--

POP: Persistant Online Procrastination

milcom@netcom.com

Solar activity was very low. The largest flare since yesterday was an optically uncorrelated B1 at 24/1339Z. Region 7757 (N12W32) is the only spotted region on the disk.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field was quiet. The greater than 2 MeV electron flux at geosynchronous altitude was moderate for most of the day.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled.

Event probabilities 25 jul-27 jul

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 25 jul-27 jul

A. Middle Latitudes	
Active	15/20/30
Minor Storm	05/10/15
Major-Severe Storm	05/05/05
B. High Latitudes	
Active	15/20/30
Minor Storm	05/10/15
Major-Severe Storm	05/05/05

HF propagation conditions were near-normal over all regions except the polar night-sector paths where minor signal degradation was observed for the first half of the UTC day. Conditions improved to near-normal for the second half of the day. Near-normal propagation is expected to continue.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 24/2400Z JULY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7757	N12W32	332	0160	CAO	04	010	BETA	
7756	S12W58	358					PLAGE	

7758 S15W11 311 PLAGE
REGIONS DUE TO RETURN 25 JULY TO 27 JULY
NMBR LAT LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 24 JULY, 1994

BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP
NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 24 JULY, 1994

BEGIN MAX END LOCATION TYPE SIZE DUR II IV
NO EVENTS OBSERVED

INFERRED CORONAL HOLES. LOCATIONS VALID AT 24/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS
EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN
NO DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date Begin Max End Xray Op Region Locn 2695 MHz 8800 MHz 15.4 GHz

23 Jul: 0652 0656 0658 B1.0
1013 1017 1022 B2.5 SF 7757 N13W10

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

C M X S 1 2 3 4 Total (%)
-- -- -- -- --
Region 7757: 0 0 0 1 0 0 0 0 001 (50.0)
Uncorrelated: 0 0 0 0 0 0 0 0 001 (50.0)

Total Events: 002 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

- II = Type II Sweep Frequency Event
- III = Type III Sweep
- IV = Type IV Sweep
- V = Type V Sweep
- Continuum = Continuum Radio Event
- Loop = Loop Prominence System,
- Spray = Limb Spray,
- Surge = Bright Limb Surge,
- EPL = Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Sun, 7 Aug 1994 01:00:32 GMT
 From: ihnp4.ucsd.edu!agate!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
 mikeka@network.ucsd.edu
 Subject: DX packet cluster access via internet?
 To: info-hams@ucsd.edu

telnet 44.76.5.138 and leave a message for remi, the sysop.
 he'll give u a password for full access. it is the only dx cluster available
 via internet at this time. 73 de mike, km6wb

Date: Fri, 5 Aug 1994 23:32:58 GMT
 From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
 europa.eng.gtefsd.com!sundog.tiac.net!usenet.elf.com!rpi!psinnntp!arrl.org!
 bbattles@network.ucsd.edu
 Subject: French-speaking hams
 To: info-hams@ucsd.edu

I'm checking out some text-translation software. To judge its effectiveness and idiomatic accuracy, I'd like to send some mail to FLUENT speakers of French, ideally bilingual F-land amateurs. If anyone who speaks extremely good (preferably native) French is interested in volunteering to help me, please shoot a note to bbattles@arrl.org.

Thanks/merci!

--

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===== FROM =====
Brian Battles, WS10                      Features Editor, QST Magazine, ARRL HQ
Internet: bbattles@arrl.org              Newington, CT USA
Voice      203-666-1541
```

Date: 7 Aug 1994 03:34:04 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!gatech!udel!news.sprintlink.net!indirect.com!usenet@network.ucsd.edu
Subject: GPS & Position finding
To: info-hams@ucsd.edu

In article <31th88\$j0s@hpscit.sc.hp.com> keithb@corp.hp.com (Keith Bagley) writes:

>Hi!

>I'm hoping you people in this newsgroup can help me out.

>(In fact, I hope this is the correct newsgroup to ask this in...if not
>please forgive the waste of bandwidth)

>

>I'm doing some preliminary research on Positional systems, specifically
>GPS (and to some extent LORAN-C). Can anyone point me in the right direction
>of: 1) Overviews 2) Manuals/how-to guides 3) Implementation details
>Also, how feasible is it for someone to create their own GPS receiver? Any
>tips?

>

>Thanks for the help

>

>Keith

```
>+-----+-----+
>|                                     | Keith Bagley |
>|                                     | Hewlett-Packard Company |
>| | \ / | ( _ _ / \ \ / / | Medical Systems Division |
>| | M | _ \ S \ ( Y ) | 175 Wyman Street |
>| | _ | | _ | / _ _ _ ) | Waltham, MA 02254 |
>|                                     | keithb@hpwarng.wal.hp.com |
>|                                     | FAX: (617) 890-5451 |
>+-----+-----+
```

Date: 6 Aug 94 23:03:23 CDT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!spool.mu.edu!uwm.edu!math.ohio-
state.edu!cs.utexas.edu!news.unt.edu!vaxb.acs.unt.edu!wday@network.ucsd.edu
Subject: Houston-Dallas
To: info-hams@ucsd.edu

In article <31jlpn\$8di@athos.cc.bellcore.com>,
papo@briscas.gamekeeper.bellcore.com (25383-anaya) writes:

> Greetings:
>
> I was talking to a guy that did not want to become a HAM because
> he fears that he can not talk to his brother in Dallas while he lives
> in Houston. He told me that it is to close for a skip and to close for
> line of sight and no repeaters around. Because I'm not from Texas,
> I have no clue what I can recommend to that poor guy.
>
> Is there some kind Texan soul that can give me some ideas on how this
> can be done?
>
> BTW, I'll be around the Austin area by the end of this year, how's the 2meter
> activity around town??
>
>
>
> --
> Luis Roberto Anaya papo@donuts0.bellcore.com
> A True PL/1 Hacker papo@briscas.gamekeeper.bellcore.com
> Bellcore, NJ Ham: N2ZXE
>

The Houston-to-Dallas path is easily spanned by:

- (a) 160 meters
- (b) 80 meters
- (c) 40 meters
- (d) 2m ssb with relatively good antennas and moderate power
- (e) 220MHz ssb with equipment/station as above
- (f) through a UHF link system known as the "Armadillo Radio Network" , a
privately owned and non-publicly accessible linking system that
covers a goodly part of the state.

So if the dude don't wanna become a ham because he can't talk from Houston
to Dallas, he needs another excuse.

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth, Texas, USA Manager: CompuServe Ta|ndy Forums

CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
AOL: KUAILO Internet: KUAILO@aol.com |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)

Date: Fri, 5 Aug 1994 23:22:08 GMT
From: ihnp4.ucsd.edu!pacbell.com!amdahl!news.fujitsu.com!barrnet.net!agate!
msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!
rwc@network.ucsd.edu
Subject: IPS Daily Report - 05 August 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 05/2330Z AUGUST 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 05 AUGUST AND FORECAST FOR 06 AUGUST - 08 AUGUST

1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 76/14

GOES satellite data for 04 Aug

Daily Proton Fluence >1 MeV: 1.3E+06

Daily Proton Fluence >10 MeV: 1.3E+04

Daily Electron Fluence >2 MeV: 4.4E+07

X-ray background: A2.4

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST

	06 Aug	07 Aug	08 Aug
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 06 Aug: 76/14

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: mostly quiet.

Estimated Indices :	A	K	Observed A Index 04 Aug
Learmonth	6	2322 1111	
Fredericksburg	7		3
Planetary	7		3

Observed Kp for 04 Aug: 1000 1221

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
06 Aug	5	Quiet
07 Aug	5	Quiet
08 Aug	5	Quiet

COMMENT: Unsettled to active levels, with brief minor storm periods, are expected 10-12 August.

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
05 Aug	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
06 Aug	normal	normal	normal
07 Aug	normal	normal	normal
08 Aug	normal	normal	normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE	T-index	MUFs at Sydney
05 Aug	21	Near predicted monthly values, apart from enhancements of 20-50% from 17-20UT.

Predicted Monthly T-index for August: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
06 Aug	20	Near predicted monthly values, with enhancements of 20-40% leading up to local dawn.
07 Aug	20	Near predicted monthly values, with enhancements of 20-40% leading up to local dawn.
08 Aug	20	Near predicted monthly values, with enhancements of 20-40% leading up to local dawn.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster	tel: +61 2 4148329 PO Box 5606
Recorded Message	tel: +61 2 4148330 West Chatswood NSW 2057
email: rwc@ips.oz.au	fax: +61 2 4148331 AUSTRALIA

Date: 4 Aug 94 03:18:15 -0300
From: newsflash.concordia.ca!nsth.n.s.ca!dal1!jughead@uunet.uu.net
Subject: Looking for Contacts!
To: info-hams@ucsd.edu

Halifax, Nova Scotia band Fire Rooster is looking for
campus or commercial radio contacts outside of Canada
who will listen and possibly add tunes from our debut
CD.

Bruce

Thanxxxxxxxxxxxxxxxxxxxxxxxxxxxx!

Date: Thu, 4 Aug 1994 19:54:02 GMT
From: ihnp4.ucsd.edu!newshub.sdsu.edu!nic-nac.CSU.net!channel.ecst.csuchico.edu!
csusac!csus.edu!netcom.com!nickb@network.ucsd.edu
Subject: New ham acronyms???
To: info-hams@ucsd.edu

Date: 5 Aug 1994 19:33:57 GMT
From: ihnp4.ucsd.edu!ucsnews!newshub.sdsu.edu!nic-nac.CSU.net!
channel.ecst.csuchico.edu!psgrain!reuter.cse.ogi.edu!netnews.nwnet.net!
news.u.washington.edu!cummings@network.ucsd.edu
Subject: Wayne Green Live!
To: info-hams@ucsd.edu

In article <Cu2My1.Bz@srigenprp.sr.hp.com>,
Don Montgomery <donrm@sr.hp.com> wrote:
>Len Winkler (lenwink@indirect.com) wrote:
>> Wayne Green is the scheduled guest on the live Ham Radio & More show
>
>Make sure you bring a cassette recorder with a squeaky mechanism. Really
>pisses him off!

Yeah, but, hey - What DOESN'T piss Wayne off?

: -)

--

Mike Cummings NX7E cummings@u.washington.edu
"Just as bees will swarm about to protect their nest, so will I 'swarm

about' to protect my nest of chocolate eggs." - Jack Handey

Date: Thu, 4 Aug 1994 07:42:33
From: news.sprintlink.net!indirect.com!s146.phxslip.indirect.com!
lenwink@uunet.uu.net
Subject: Wayne Green Live!
To: info-hams@ucsd.edu

Wayne Green is the scheduled guest on the live Ham Radio & More show
Sunday, August 14, 1994. It should be most interesting.

I am looking for a few questions for him that you REALLY want to ask. Let
me know.

Ham Radio & More is on every Sunday at 6:00pm EST on the Talk America
Network in 23 cities and via satellite on Spacenet 3, Transponder 9,
6.8 audio. Call 602-241-1510 for more information.

73, Len, KB7LPW

Date: 5 Aug 94 11:02:00 GMT
From: twwells!pics!james.mollica@decwrl.dec.com
Subject: Where to QSL Shuttle Please ??
To: info-hams@ucsd.edu

PR.I was finally successful in contacting STS-65's packet robot
.after many attempts, so would like a card. Can someone please
.tell me the address to send my card to?

POSTCARDS FROM SPACE--
SAREX QSL CARDS

Participating in the Shuttle Amateur Radio EXperiment can be an exhilarating
experience. But, as many hams know, waiting for that coveted QSL card requires
a lot of patience. Designing a card for the ultimate DXpedition can be a
lengthy process. Here's a behind-the-scenes glance at producing a SAREX QSL,
and some tips to help you get your card.

After a SAREX mission, ARRL and the SAREX Working Group work with the crew
members to select photos from that mission, and design and layout the QSL card.

This may take a few months because of the busy schedule of the astronauts,
among other things. Once the card is designed and printed, ARRL forwards the

QSL cards to whichever Amateur Radio club is involved with the awesome task of managing the cards.

In the past, amateurs sent their contact and listener reports directly to the managing club. Now, all reports should be sent to ARRL Headquarters.

In order for the managing process to run smoothly, please include the following information in your QSL or report: Shuttle flight number (STS-XX), date, time in UTC, frequency and mode (FM voice, packet, sstv or fstv). This documents the contact or listener report. In addition, you must also include an SASE using a large, business-sized envelope if you wish to receive a card. No cards are distributed without the proper postage affixed or sufficient IRCs included.

The following clubs have graciously volunteered their service for handling QSL cards for the following missions:

STS-58 Connecticut DX Association
STS-60 Cowley County Amateur Radio Club, Kansas
STS-59 Orange Park Amateur Radio Club, Florida

QSL ADDRESSES

STS-56 QSL
C/O Vienna Wireless Society
P.O. Box 418
Vienna, VA 22183

STS-55 QSL
IBM Amateur Radio Club/1993
P.O. Box 1328
Boca Raton, FL 33429-1328

STS-57 QSL
C/O Miami County ARC
P.O. Box 214
Troy, OH 45373

STS-60, STS-58, STS-59, STS-65 and STS-64 QSLs
C/O American Radio Relay League
Educational Activities Department
225 Main Street
Newington, CT 06111

GENERAL SAREX QSOs

The extremely busy work schedules of the Astronauts may sometimes reduce your chance for an unscheduled, random contact with the Shuttle. The SAREX Working Group recognizes the longstanding commitment of the Amateur Radio community in supporting SAREX activities and attempts to schedule as many opportunities as possible for general ham contacts during flights.

-END-

* 1st 2.00b #1439 * JAMES.MOLLIKA#PICS.COM OR N2NRD@AMSAT.ORG

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+-----+
| Pics OnLine MultiUser System   609/753-2540 HST  609/753-2605 (V32bis) |
| Massive File Collection - Over 45,000 Files OnLine - 250 Newsgroups   |
+-----+
```

Date: Thu, 4 Aug 1994 14:43:00 GMT
From: hplextra!news.dtc.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!
jholly@hplabs.hpl.hp.com
Subject: Who stole my book?
To: info-hams@ucsd.edu

Steven Adams (sadams@eis.calstate.edu) wrote:

: This is a true story, happened today.

: My brother was going to return my two year old copy of "Now Your
: talking", so I could inturn give it to another friend of mine.

: My wife was taking care of her brothers jewlery store while he was on
: vacation. So my brother takes the book to the store and leaves it for my
: wife to bring home.

: My wife calls me just know and says that somebody stole the book!

: Some guy comes into the store and is looking around. She had the book on
: a counter. She went into the back and when she returned the man and the
: book were gone. She went back to the video tape and replayed it to see
: what happend. The man took a piece of paper from the book, then just
: picked up the book and walked out, taking nothing else.

: I never thought that book was that important. Do you really think the
: guy will read the book and become a ham??

and if he does, I bet HRO won't be happy if he come in their store!

Jim, WA6SDM

jholly@cup.hp.com

Date: Sun, 7 Aug 1994 02:33:54 GMT
From: netcomsv!netcom.com!milcom@decwrl.dec.com
To: info-hams@ucsd.edu

References <milcomCtvx7J.KzC@netcom.com>, <Cu2Muv.9L@srigenprp.sr.hp.com>,
<320o4q\$pjv@ccnet.ccnet.com>
Subject : Re: S. California Repeaters

Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:

: : > Another high level repeater which is open is 449.6375 with a 103.5 PL,
: : An open UHF repeater in So.Cal??? Will wonders never cease? :^(
: Don't worry that SoCal repeater isn't really OPEN until they publish
: their dpl code in the ARRL repeater directory. ;^)

The repeater is open. The remote base its part of is not. The remote base uses different input frequencies than the repeater pair. At times the repeater input frequency is used as the remote base input. It is controlled by a 7k so the remote base is separate from the repeater. There are eight control ops who keep on turning the 103.5 off when undesirables surface. I cant fathom anybody turning it off on a legitamite QSO.

The 449.6375 repeater is open with a 103.5 PL, for legit QSO's.

--

POP: Persistent Online Procrastination milcom@netcom.com

Date: (null)
From: (null)
> BUD (n) -- 1. shortened name for a brand of beer in the United States
> 2. an acronym for "big ugly dish" -- to which dishowners
> say theirs are beautiful

Hey, this has possibilities...

BUAF? (Big Ugly Antenna Farm) BUT? (Big Ugly Tower)

--

Nick Barbieri Amateur Radio: KB6QI
(nickb@netcom.com)

(nlb1@goldengate.rtc.sc.ti.com)
(408)247-4268
Santa Clara, CA, USA

End of Info-Hams Digest V94 #883
